

Water Management

Map symbol and soil name	Component percent	Limitations for--			Features affecting--			
		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
12AC: Emmert-----	100	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: large stones slope droughty	Limitation: large stones too sandy	Limitation: large stones droughty
12B: Emmert-----	100	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: large stones slope droughty	Limitation: large stones too sandy	Limitation: large stones droughty
12C: Emmert-----	100	Severe: seepage slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: large stones slope droughty	Limitation: large stones slope too sandy	Limitation: large stones slope droughty
12D: Emmert-----	100	Severe: seepage slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: large stones slope droughty	Limitation: large stones slope too sandy	Limitation: large stones slope droughty
12DE: Emmert-----	100	Severe: seepage slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: large stones slope droughty	Limitation: large stones slope too sandy	Limitation: large stones slope droughty
12E: Emmert-----	100	Severe: seepage slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: large stones slope droughty	Limitation: large stones slope too sandy	Limitation: large stones slope droughty
12F: Emmert-----	100	Severe: seepage slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: large stones slope droughty	Limitation: large stones slope too sandy	Limitation: large stones slope droughty
14: Adolph-----	100	Moderate: seepage	Severe: piping ponding	Severe: no water	Limitation: frost action ponding	Limitation: percs slowly rooting depth ponding	Limitation: ponding	Limitation: rooting depth wetness
21B: Ahmeek-----	100	Moderate: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope soil blowing	Limitation: percs slowly soil blowing	Limitation: percs slowly rooting depth

See footnote at end of table.

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		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
21BC: Ahmeek-----	100	Moderate: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope soil blowing	Limitation: percs slowly soil blowing	Limitation: percs slowly rooting depth
21C: Ahmeek-----	100	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope soil blowing	Limitation: percs slowly slope soil blowing	Limitation: percs slowly rooting depth slope
21D: Ahmeek-----	100	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope soil blowing	Limitation: percs slowly slope soil blowing	Limitation: percs slowly rooting depth slope
21DE: Ahmeek-----	100	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope soil blowing	Limitation: percs slowly slope soil blowing	Limitation: percs slowly rooting depth slope
21E: Ahmeek-----	100	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope soil blowing	Limitation: percs slowly slope soil blowing	Limitation: percs slowly rooting depth slope
21F: Ahmeek-----	100	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope soil blowing	Limitation: percs slowly slope soil blowing	Limitation: percs slowly rooting depth slope
43B: Automba-----	100	Moderate: seepage slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope	Favorable	Favorable
43BC: Automba-----	100	Moderate: seepage slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope	Favorable	Favorable
43C: Automba-----	100	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope	Limitation: slope	Limitation: slope
49A: Antigo-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: erodes easily	Limitation: erodes easily too sandy	Limitation: erodes easily

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		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
49B: Antigo-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: erodes easily slope	Limitation: erodes easily too sandy	Limitation: erodes easily
49BC: Antigo-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: erodes easily slope	Limitation: erodes easily too sandy	Limitation: erodes easily
49C: Antigo-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: erodes easily slope	Limitation: erodes easily slope too sandy	Limitation: erodes easily slope
72: Shooker-----	100	Moderate: seepage	Severe: piping wetness	Moderate: slow refill	Limitation: frost action	Limitation: wetness	Limitation: wetness	Limitation: wetness
75: Bluffton-----	100	Moderate: seepage	Severe: piping ponding	Severe: slow refill	Limitation: frost action ponding	Limitation: ponding	Limitation: ponding	Limitation: wetness
119B: Pomroy-----	100	Severe: seepage	Moderate: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: percs slowly soil blowing	Limitation: rooting depth droughty
119BC: Pomroy-----	100	Severe: seepage	Moderate: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: percs slowly soil blowing	Limitation: rooting depth droughty
119C: Pomroy-----	100	Severe: seepage slope	Moderate: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: percs slowly slope soil blowing	Limitation: rooting depth slope droughty
119D: Pomroy-----	100	Severe: seepage slope	Moderate: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: percs slowly slope soil blowing	Limitation: rooting depth slope droughty
124: Brickton-----	100	Slight	Severe: hard to pack wetness	Severe: slow refill	Limitation: frost action percs slowly	Limitation: percs slowly wetness	Limitation: erodes easily wetness	Limitation: erodes easily percs slowly wetness

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		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
133A: Dalbo-----	100	Moderate: seepage	Moderate: hard to pack wetness	Severe: slow refill	Limitation: frost action percs slowly	Limitation: wetness	Limitation: erodes easily wetness	Limitation: erodes easily percs slowly
133B: Dalbo-----	100	Moderate: seepage slope	Moderate: hard to pack wetness	Severe: slow refill	Limitation: frost action percs slowly slope	Limitation: slope wetness	Limitation: erodes easily wetness	Limitation: erodes easily percs slowly
133BC: Dalbo-----	100	Moderate: seepage slope	Moderate: hard to pack wetness	Severe: slow refill	Limitation: frost action percs slowly slope	Limitation: slope wetness	Limitation: erodes easily wetness	Limitation: erodes easily percs slowly
133C: Dalbo-----	100	Severe: slope	Moderate: hard to pack wetness	Severe: slow refill	Limitation: frost action percs slowly slope	Limitation: slope wetness	Limitation: erodes easily slope wetness	Limitation: erodes easily percs slowly slope
133D: Dalbo-----	100	Severe: slope	Moderate: hard to pack wetness	Severe: slow refill	Limitation: frost action percs slowly slope	Limitation: slope wetness	Limitation: erodes easily slope wetness	Limitation: erodes easily percs slowly slope
152B: Milaca-----	100	Moderate: slope	Moderate: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: percs slowly	Limitation: rooting depth droughty
152BC: Milaca-----	100	Severe: slope	Moderate: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: percs slowly slope	Limitation: slope droughty
152C: Milaca-----	100	Severe: slope	Moderate: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: percs slowly slope	Limitation: slope droughty
152D: Milaca-----	100	Severe: slope	Moderate: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: percs slowly slope	Limitation: slope droughty

See footnote at end of table.

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		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
152DE: Milaca-----	100	Severe: slope	Moderate: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: percs slowly slope	Limitation: slope droughty
152E: Milaca-----	100	Severe: slope	Moderate: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: percs slowly slope	Limitation: slope droughty
152F: Milaca-----	100	Severe: slope	Moderate: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: percs slowly slope	Limitation: slope droughty
153B: Santiago-----	100	Moderate: seepage slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: erodes easily rooting depth slope	Limitation: erodes easily	Limitation: erodes easily rooting depth
153C: Santiago-----	100	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: erodes easily rooting depth slope	Limitation: erodes easily slope	Limitation: erodes easily rooting depth slope
155A: Chetek-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: soil blowing droughty	Limitation: too sandy soil blowing	Limitation: droughty
155B: Chetek-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: too sandy soil blowing	Limitation: droughty
155BC: Chetek-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: too sandy soil blowing	Limitation: droughty
155C: Chetek-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty

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		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
155D: Chetek-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
155DE: Chetek-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
155E: Chetek-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
158A: Zimmerman-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake droughty	Limitation: too sandy soil blowing	Limitation: droughty
158B: Zimmerman-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: too sandy soil blowing	Limitation: droughty
158C: Zimmerman-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
159A: Anoka-----	100	Severe: seepage	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: fast intake soil blowing	Limitation: soil blowing	Favorable
159B: Anoka-----	100	Severe: seepage	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope soil blowing	Limitation: soil blowing	Favorable
159C: Anoka-----	100	Severe: seepage slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope soil blowing	Limitation: slope soil blowing	Limitation: slope

See footnote at end of table.

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		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
161: Isanti-----	100	Severe: seepage	Severe: seepage piping wetness	Severe: cutbanks cave	Limitation: cutbanks cave	Limitation: fast intake wetness droughty	Limitation: too sandy wetness soil blowing	Limitation: wetness droughty
162: Lino-----	100	Severe: seepage	Severe: seepage piping wetness	Severe: cutbanks cave	Limitation: cutbanks cave	Limitation: fast intake wetness droughty	Limitation: too sandy wetness soil blowing	Limitation: droughty
164A: Mora-----	100	Moderate: seepage	Severe: piping	Severe: no water	Limitation: frost action percs slowly	Limitation: wetness droughty	Limitation: percs slowly wetness	Limitation: percs slowly rooting depth droughty
164B: Mora-----	100	Moderate: seepage slope	Severe: piping	Severe: no water	Limitation: frost action percs slowly slope	Limitation: slope wetness droughty	Limitation: percs slowly wetness	Limitation: percs slowly rooting depth droughty
165: Parent-----	100	Moderate: seepage	Severe: piping wetness	Severe: no water	Limitation: frost action percs slowly	Limitation: wetness droughty	Limitation: percs slowly wetness	Limitation: rooting depth wetness droughty
166: Ronneby-----	100	Moderate: seepage	Severe: piping	Severe: no water	Limitation: frost action percs slowly	Limitation: percs slowly wetness	Limitation: wetness	Limitation: percs slowly rooting depth wetness
167B: Baudette-----	100	Moderate: seepage slope	Severe: piping	Severe: cutbanks cave	Limitation: frost action slope cutbanks cave	Limitation: slope wetness soil blowing	Limitation: erodes easily wetness soil blowing	Limitation: erodes easily
169B: Braham-----	100	Severe: seepage	Moderate: piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope soil blowing	Limitation: erodes easily soil blowing	Limitation: erodes easily
169BC: Braham-----	100	Severe: seepage	Moderate: piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope soil blowing	Limitation: erodes easily soil blowing	Limitation: erodes easily

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		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
169C: Braham-----	100	Severe: seepage slope	Moderate: piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope soil blowing	Limitation: erodes easily slope soil blowing	Limitation: erodes easily slope
170: Blomford-----	100	Severe: seepage	Severe: piping wetness	Severe: cutbanks cave	Favorable	Limitation: wetness droughty	Limitation: erodes easily wetness soil blowing	Limitation: erodes easily wetness droughty
182: Halder-----	100	Severe: seepage	Severe: seepage wetness	Severe: cutbanks cave	Limitation: frost action cutbanks cave	Limitation: rooting depth wetness	Limitation: too sandy wetness	Limitation: rooting depth wetness
186: Nemadji-----	100	Severe: seepage	Severe: seepage piping wetness	Severe: cutbanks cave	Limitation: cutbanks cave	Limitation: fast intake wetness droughty	Limitation: too sandy wetness soil blowing	Limitation: droughty
188A: Omega-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake droughty	Limitation: too sandy soil blowing	Limitation: droughty
188B: Omega-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: too sandy soil blowing	Limitation: droughty
188BC: Omega-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: too sandy soil blowing	Limitation: droughty
188C: Omega-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
188D: Omega-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty

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		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
188DE: Omega-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
188E: Omega-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
202: Meehan-----	100	Severe: seepage	Severe: seepage piping wetness	Severe: cutbanks cave	Limitation: too acid cutbanks cave	Limitation: fast intake wetness droughty	Limitation: too sandy wetness soil blowing	Limitation: wetness droughty
204B: Cushing-----	100	Moderate: seepage slope	Severe: piping	Severe: no water	Limitation: slope	Limitation: slope wetness	Limitation: wetness	Favorable
204BC: Cushing-----	100	Moderate: seepage slope	Severe: thin layer	Severe: no water	Limitation: deep to water	Limitation: slope	Favorable	Favorable
204C: Cushing-----	100	Severe: slope	Severe: thin layer	Severe: no water	Limitation: deep to water	Limitation: slope	Limitation: slope	Limitation: slope
204D: Cushing-----	100	Severe: slope	Severe: thin layer	Severe: no water	Limitation: deep to water	Limitation: slope	Limitation: slope	Limitation: slope
204DE: Cushing-----	100	Severe: slope	Severe: thin layer	Severe: no water	Limitation: deep to water	Limitation: slope	Limitation: slope	Limitation: slope
204E: Cushing-----	100	Severe: slope	Severe: thin layer	Severe: no water	Limitation: deep to water	Limitation: slope	Limitation: slope	Limitation: slope
204F: Cushing-----	100	Severe: slope	Severe: thin layer	Severe: no water	Limitation: deep to water	Limitation: slope	Limitation: slope	Limitation: slope
207B: Nymore-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: too sandy soil blowing	Limitation: droughty

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		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
207C: Nymore-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
217: Nokasippi-----	100	Severe: seepage	Severe: piping ponding	Severe: no water	Limitation: frost action percs slowly ponding	Limitation: fast intake ponding droughty	Limitation: soil blowing ponding	Limitation: rooting depth wetness droughty
218: Watab-----	100	Severe: seepage	Severe: seepage piping wetness	Severe: no water	Limitation: percs slowly cutbanks cave	Limitation: fast intake wetness droughty	Limitation: too sandy wetness soil blowing	Limitation: rooting depth wetness droughty
254B: Hibbing-----	100	Moderate: slope	Moderate: hard to pack	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope	Limitation: percs slowly	Limitation: percs slowly
254BC: Hibbing-----	100	Moderate: slope	Moderate: hard to pack	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope	Limitation: percs slowly	Limitation: percs slowly
254C: Hibbing-----	100	Severe: slope	Moderate: hard to pack	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope	Limitation: percs slowly slope	Limitation: percs slowly slope
254D: Hibbing-----	100	Severe: slope	Moderate: hard to pack	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope	Limitation: percs slowly slope	Limitation: percs slowly slope
254DE: Hibbing-----	100	Severe: slope	Moderate: hard to pack	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope	Limitation: percs slowly slope	Limitation: percs slowly slope
254E: Hibbing-----	100	Severe: slope	Moderate: hard to pack	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope	Limitation: percs slowly slope	Limitation: percs slowly slope
264A: Freeon-----	100	Slight	Severe: seepage piping	Severe: no water	Limitation: percs slowly	Limitation: percs slowly wetness	Limitation: erodes easily wetness	Limitation: erodes easily rooting depth

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		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
264B: Freeon-----	100	Moderate: slope	Severe: seepage piping	Severe: no water	Limitation: percs slowly slope	Limitation: percs slowly slope wetness	Limitation: erodes easily wetness	Limitation: erodes easily rooting depth
265: Soderville-----	100	Severe: seepage	Severe: seepage piping wetness	Severe: cutbanks cave	Limitation: cutbanks cave	Limitation: fast intake wetness droughty	Limitation: too sandy wetness soil blowing	Limitation: rooting depth droughty
266: Freer-----	100	Moderate: seepage	Severe: piping	Severe: no water	Limitation: frost action percs slowly	Limitation: percs slowly rooting depth wetness	Limitation: erodes easily percs slowly wetness	Limitation: erodes easily rooting depth wetness
268A: Cromwell-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: soil blowing droughty	Limitation: too sandy soil blowing	Limitation: droughty
268B: Cromwell-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: too sandy soil blowing	Limitation: droughty
268BC: Cromwell-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: too sandy soil blowing	Limitation: droughty
268C: Cromwell-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
268D: Cromwell-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
274: Newson-----	100	Severe: seepage	Severe: seepage piping ponding	Severe: cutbanks cave	Limitation: ponding cutbanks cave	Limitation: fast intake ponding droughty	Limitation: too sandy soil blowing ponding	Limitation: rooting depth wetness droughty

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292: Alstad-----	100	Moderate: seepage	Severe: thin layer	Severe: no water	Limitation: frost action	Limitation: wetness	Limitation: wetness	Limitation: wetness
302A: Rosholt-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: soil blowing droughty	Limitation: too sandy soil blowing	Limitation: rooting depth droughty
302B: Rosholt-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: too sandy soil blowing	Limitation: rooting depth droughty
302BC: Rosholt-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: too sandy soil blowing	Limitation: rooting depth droughty
302C: Rosholt-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: slope too sandy soil blowing	Limitation: rooting depth slope droughty
325: Prebish-----	100	Moderate: seepage	Severe: piping ponding	Severe: slow refill	Limitation: frost action ponding	Limitation: soil blowing ponding	Limitation: soil blowing ponding	Limitation: wetness
326: Hillet-----	100	Severe: seepage	Severe: seepage wetness	Severe: cutbanks cave	Limitation: frost action cutbanks cave	Limitation: wetness	Limitation: erodes easily too sandy wetness	Limitation: erodes easily wetness
328A: Sartell-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake droughty	Limitation: too sandy soil blowing	Limitation: droughty
328B: Sartell-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: too sandy soil blowing	Limitation: droughty
328C: Sartell-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty

See footnote at end of table.

Water Management

Map symbol and soil name	Component percent	Limitations for--			Features affecting--			
		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
328D: Sartell-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
328E: Sartell-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
337: Warman-----	100	Severe: seepage	Severe: seepage piping ponding	Severe: cutbanks cave	Limitation: frost action ponding cutbanks cave	Limitation: rooting depth ponding	Limitation: too sandy ponding	Limitation: rooting depth wetness
346: Talmoon-----	100	Slight	Severe: piping wetness	Severe: slow refill	Limitation: frost action	Limitation: wetness	Limitation: erodes easily wetness	Limitation: erodes easily wetness
355A: Cloquet-----	100	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: soil blowing droughty	Limitation: too sandy	Limitation: droughty
355B: Cloquet-----	100	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: too sandy	Limitation: droughty
355BC: Cloquet-----	100	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: too sandy	Limitation: droughty
355C: Cloquet-----	100	Severe: seepage slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: slope too sandy	Limitation: slope droughty
355D: Cloquet-----	100	Severe: seepage slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: slope too sandy	Limitation: slope droughty

See footnote at end of table.

Water Management

Map symbol and soil name	Component percent	Limitations for--			Features affecting--			
		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
355DE: Cloquet-----	100	Severe: seepage slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: slope too sandy	Limitation: slope droughty
355E: Cloquet-----	100	Severe: seepage slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: slope too sandy	Limitation: slope droughty
420: Twig-----	100	Slight	Severe: piping ponding	Severe: no water	Limitation: percs slowly subsides ponding	Limitation: percs slowly soil blowing ponding	Limitation: erodes easily soil blowing ponding	Limitation: erodes easily rooting depth wetness
428: Hassman-----	100	Slight	Severe: hard to pack ponding	Severe: slow refill	Limitation: frost action percs slowly ponding	Limitation: percs slowly ponding	Limitation: percs slowly ponding	Limitation: percs slowly wetness
454A: Mahtomedi-----	100	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: fast intake droughty	Limitation: too sandy soil blowing	Limitation: rooting depth droughty
454BC: Mahtomedi-----	100	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: too sandy soil blowing	Limitation: rooting depth droughty
454DE: Mahtomedi-----	100	Severe: seepage slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy	Limitation: rooting depth slope droughty
454F: Mahtomedi-----	100	Severe: seepage slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy	Limitation: rooting depth slope droughty
458A: Menahga-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake droughty	Limitation: too sandy soil blowing	Limitation: droughty

See footnote at end of table.

Water Management

Map symbol and soil name	Component percent	Limitations for--			Features affecting--			
		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
458B: Menahga-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: too sandy soil blowing	Limitation: droughty
458BC: Menahga-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: too sandy soil blowing	Limitation: droughty
458C: Menahga-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
458D: Menahga-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
458DE: Menahga-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
458E: Menahga-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
458F: Menahga-----	100	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
466: Ogilvie-----	100	Severe: seepage	Severe: seepage wetness	Severe: cutbanks cave	Limitation: frost action cutbanks cave	Limitation: wetness	Limitation: erodes easily too sandy wetness	Limitation: erodes easily
481: Kratka-----	100	Severe: seepage	Severe: piping wetness	Severe: slow refill cutbanks cave	Favorable	Limitation: wetness droughty	Limitation: erodes easily wetness soil blowing	Limitation: erodes easily wetness droughty

See footnote at end of table.

Water Management

Map symbol and soil name	Component percent	Limitations for--			Features affecting--			
		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
502: Dusler-----	100	Moderate: seepage	Severe: wetness	Severe: slow refill	Limitation: frost action	Limitation: percs slowly wetness	Limitation: wetness	Favorable
504B: Duluth-----	100	Moderate: slope	Moderate: piping wetness	Severe: slow refill	Limitation: deep to water	Limitation: percs slowly slope soil blowing	Limitation: erodes easily percs slowly soil blowing	Limitation: erodes easily percs slowly rooting depth
504BC: Duluth-----	100	Severe: slope	Moderate: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope soil blowing	Limitation: erodes easily slope soil blowing	Limitation: erodes easily rooting depth slope
504C: Duluth-----	100	Severe: slope	Moderate: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope soil blowing	Limitation: erodes easily slope soil blowing	Limitation: erodes easily rooting depth slope
504D: Duluth-----	100	Severe: slope	Moderate: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope soil blowing	Limitation: erodes easily slope soil blowing	Limitation: erodes easily rooting depth slope
504DE: Duluth-----	100	Severe: slope	Moderate: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope soil blowing	Limitation: erodes easily slope soil blowing	Limitation: erodes easily rooting depth slope
504E: Duluth-----	100	Severe: slope	Moderate: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope soil blowing	Limitation: erodes easily slope soil blowing	Limitation: erodes easily rooting depth slope
504F: Duluth-----	100	Severe: slope	Moderate: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope soil blowing	Limitation: erodes easily slope soil blowing	Limitation: erodes easily rooting depth slope
530: Greenwood-----	100	Severe: seepage	Severe: excess humus wetness	Moderate: slow refill	Limitation: frost action subsides	Limitation: wetness	Limitation: wetness	Limitation: wetness

See footnote at end of table.

Water Management

Map symbol and soil name	Component percent	Limitations for--			Features affecting--			
		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
531: Beseman-----	100	Severe: seepage	Severe: excess humus ponding	Severe: slow refill	Limitation: frost action subsides ponding	Limitation: rooting depth soil blowing ponding	Limitation: soil blowing ponding	Limitation: rooting depth wetness
533: Loxley-----	100	Severe: seepage	Severe: excess humus ponding	Severe: slow refill	Limitation: frost action subsides ponding	Limitation: soil blowing too acid ponding	Limitation: soil blowing ponding	Limitation: wetness
534: Mooselake-----	100	Severe: seepage	Severe: excess humus ponding	Moderate: slow refill	Limitation: frost action subsides ponding	Limitation: ponding	Limitation: ponding	Limitation: wetness
536: Dawson-----	100	Severe: seepage	Severe: excess humus ponding	Severe: slow refill cutbanks cave	Limitation: frost action subsides ponding	Limitation: rooting depth ponding	Limitation: ponding	Limitation: rooting depth wetness
537: Lobo-----	100	Severe: seepage	Severe: excess humus wetness	Moderate: slow refill	Limitation: frost action subsides too acid	Limitation: wetness too acid	Limitation: wetness	Limitation: wetness
540: Seelyeville-----	100	Severe: seepage	Severe: excess humus ponding	Severe: slow refill	Limitation: frost action subsides ponding	Limitation: soil blowing ponding	Limitation: soil blowing ponding	Limitation: wetness
541: Rifle-----	100	Severe: seepage	Severe: excess humus ponding	Moderate: slow refill	Limitation: frost action ponding	Limitation: ponding	Limitation: ponding	Limitation: wetness
543: Markey-----	100	Severe: seepage	Severe: seepage piping ponding	Severe: slow refill cutbanks cave	Limitation: frost action subsides ponding	Limitation: soil blowing ponding	Limitation: too sandy soil blowing ponding	Limitation: wetness
544: Cathro-----	100	Severe: seepage	Severe: piping ponding	Severe: slow refill	Limitation: frost action subsides ponding	Limitation: soil blowing ponding	Limitation: soil blowing ponding	Limitation: wetness

See footnote at end of table.

Water Management

Map symbol and soil name	Component percent	Limitations for--			Features affecting--			
		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
565: Eckvoll-----	100	Severe: seepage	Moderate: piping wetness	Severe: no water	Limitation: frost action	Limitation: fast intake wetness soil blowing	Limitation: erodes easily wetness soil blowing	Limitation: erodes easily
614: Blackhoof-----	100	Slight	Severe: piping ponding	Severe: slow refill	Limitation: frost action percs slowly ponding	Limitation: percs slowly soil blowing ponding	Limitation: percs slowly soil blowing ponding	Limitation: percs slowly rooting depth wetness
682B: Milaca-----	100	Moderate: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope droughty	Limitation: percs slowly	Limitation: rooting depth droughty
682C: Milaca-----	100	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope droughty	Limitation: percs slowly slope	Limitation: rooting depth slope droughty
682D: Milaca-----	100	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope droughty	Limitation: percs slowly slope	Limitation: rooting depth slope droughty
685: Oesterle-----	100	Severe: seepage	Severe: seepage piping wetness	Severe: cutbanks cave	Limitation: frost action cutbanks cave	Limitation: wetness soil blowing droughty	Limitation: too sandy wetness	Limitation: wetness droughty
696: Hermantown-----	100	Moderate: seepage	Severe: piping	Severe: no water	Limitation: frost action percs slowly	Limitation: percs slowly wetness	Limitation: percs slowly wetness	Limitation: percs slowly rooting depth wetness
714: Buhl-----	100	Slight	Severe: hard to pack wetness	Severe: no water	Limitation: frost action percs slowly	Limitation: percs slowly wetness	Limitation: erodes easily wetness	Limitation: erodes easily percs slowly wetness
732: Bushville-----	100	Severe: seepage	Severe: piping	Severe: no water	Limitation: percs slowly	Limitation: wetness droughty	Limitation: percs slowly wetness soil blowing	Limitation: percs slowly rooting depth droughty

See footnote at end of table.

Water Management

Map symbol and soil name	Component percent	Limitations for--			Features affecting--			
		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
766: Kratka-----	100	Severe: seepage	Severe: piping ponding	Severe: slow refill cutbanks cave	Limitation: ponding	Limitation: ponding droughty	Limitation: soil blowing ponding	Limitation: rooting depth wetness droughty
792: Fordum-----	100	Severe: seepage	Severe: seepage piping ponding	Severe: cutbanks cave	Limitation: flooding frost action ponding	Limitation: flooding ponding droughty	Limitation: erodes easily too sandy ponding	Limitation: erodes easily wetness droughty
872: Pengilly-----	50	Moderate: seepage	Severe: piping wetness	Severe: cutbanks cave	Limitation: flooding frost action cutbanks cave	Limitation: flooding wetness	Limitation: wetness soil blowing	Limitation: wetness
Winterfield-----	50	Severe: seepage	Severe: seepage piping wetness	Severe: cutbanks cave	Limitation: flooding cutbanks cave	Limitation: wetness droughty	Limitation: too sandy wetness soil blowing	Limitation: wetness droughty
928B: Cushing-----	50	Moderate: seepage slope	Severe: piping	Severe: no water	Limitation: slope	Limitation: slope wetness	Limitation: wetness	Favorable
Mahtomedi-----	40	Severe: seepage	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: too sandy soil blowing	Limitation: rooting depth droughty
928C: Cushing-----	50	Severe: slope	Severe: thin layer	Severe: no water	Limitation: deep to water	Limitation: slope	Limitation: slope	Limitation: slope
Mahtomedi-----	40	Severe: seepage slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy	Limitation: rooting depth slope droughty
928D: Cushing-----	50	Severe: slope	Severe: thin layer	Severe: no water	Limitation: deep to water	Limitation: slope	Limitation: slope	Limitation: slope
Mahtomedi-----	40	Severe: seepage slope	Severe: seepage	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy	Limitation: rooting depth slope droughty

Water Management

Map symbol and soil name	Component percent	Limitations for--			Features affecting--			
		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
949B: Milaca-----	50	Moderate: slope	Moderate: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: percs slowly	Limitation: rooting depth droughty
Chetek-----	40	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: too sandy soil blowing	Limitation: droughty
949C: Milaca-----	50	Severe: slope	Moderate: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: percs slowly slope	Limitation: slope droughty
Chetek-----	40	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
949D: Milaca-----	50	Severe: slope	Moderate: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: percs slowly slope	Limitation: slope droughty
Chetek-----	40	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
949E: Milaca-----	50	Severe: slope	Moderate: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: percs slowly slope	Limitation: slope droughty
Chetek-----	40	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
949F: Milaca-----	50	Severe: slope	Moderate: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: percs slowly slope	Limitation: slope droughty
Chetek-----	40	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: slope soil blowing droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty

See footnote at end of table.

Water Management

Map symbol and soil name	Component percent	Limitations for--			Features affecting--			
		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
975B: Ahmeek-----	50	Moderate: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope soil blowing	Limitation: percs slowly soil blowing	Limitation: percs slowly rooting depth
Omega-----	50	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: too sandy soil blowing	Limitation: droughty
975C: Ahmeek-----	50	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope soil blowing	Limitation: percs slowly slope soil blowing	Limitation: percs slowly rooting depth slope
Omega-----	50	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
975D: Ahmeek-----	50	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope soil blowing	Limitation: percs slowly slope soil blowing	Limitation: percs slowly rooting depth slope
Omega-----	50	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
975E: Ahmeek-----	50	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: percs slowly slope soil blowing	Limitation: percs slowly slope soil blowing	Limitation: percs slowly rooting depth slope
Omega-----	50	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy soil blowing	Limitation: slope droughty
980: Blackhoof-----	50	Slight	Severe: piping ponding	Severe: slow refill	Limitation: frost action percs slowly ponding	Limitation: percs slowly soil blowing ponding	Limitation: percs slowly soil blowing ponding	Limitation: percs slowly rooting depth wetness
Mahtowa-----	50	Severe: seepage	Severe: piping ponding	Severe: slow refill	Limitation: frost action ponding	Limitation: rooting depth ponding	Limitation: erodes easily ponding	Limitation: erodes easily rooting depth wetness

See footnote at end of table.

Water Management

Map symbol and soil name	Component percent	Limitations for--			Features affecting--			
		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
990: Parent-----	50	Moderate: seepage	Severe: piping ponding	Severe: no water	Limitation: frost action percs slowly ponding	Limitation: ponding droughty	Limitation: percs slowly ponding	Limitation: rooting depth wetness droughty
Twig-----	50	Slight	Severe: piping ponding	Severe: no water	Limitation: percs slowly subsides ponding	Limitation: percs slowly soil blowing ponding	Limitation: erodes easily soil blowing ponding	Limitation: erodes easily rooting depth wetness
995: Borosaprists-----	100	---	---	---	---	---	---	---
1001: Alluvial Land-----	100	Severe: seepage	Severe: piping wetness	Severe: slow refill	Limitation: flooding	Limitation: wetness	Limitation: wetness	Limitation: wetness
1002: Alluvial Land-----	100	Severe: seepage	Severe: seepage piping ponding	Severe: cutbanks cave	Limitation: flooding frost action ponding	Limitation: rooting depth ponding droughty	Limitation: too sandy ponding	Limitation: rooting depth wetness droughty
1022: Dumps-----	100	---	---	---	---	---	---	---
1030: Udipsamments-----	100	Severe: seepage slope	Slight	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy	Limitation: slope droughty
1033: Udipsamments-----	100	Severe: seepage	Slight	Severe: no water	Limitation: deep to water	Limitation: fast intake droughty	Limitation: too sandy soil blowing	Limitation: droughty
1068: Caryville-----	100	Severe: seepage	Severe: seepage piping	Severe: cutbanks cave	Limitation: deep to water	Limitation: soil blowing droughty	Limitation: too sandy soil blowing	Limitation: droughty
1069B: Fairport-----	50	Moderate: seepage slope depth to rock	Severe: thin layer	Severe: no water	Limitation: deep to water	Limitation: slope depth to rock	Limitation: erodes easily depth to rock	Limitation: erodes easily depth to rock
Rock Outcrop-----	40	---	---	---	---	---	---	---

See footnote at end of table.

Water Management

Map symbol and soil name	Component percent	Limitations for--			Features affecting--			
		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
1069C: Fairport-----	50	Severe: slope	Severe: thin layer	Severe: no water	Limitation: deep to water	Limitation: slope depth to rock	Limitation: erodes easily slope depth to rock	Limitation: erodes easily slope depth to rock
Rock Outcrop-----	40	---	---	---	---	---	---	---
1070B: Plainbo-----	50	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: too sandy depth to rock	Limitation: depth to rock droughty
Rock Outcrop-----	40	---	---	---	---	---	---	---
1070C: Plainbo-----	50	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy depth to rock	Limitation: slope depth to rock droughty
Rock Outcrop-----	40	---	---	---	---	---	---	---
1070E: Plainbo-----	50	Severe: seepage slope	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: slope too sandy depth to rock	Limitation: slope depth to rock droughty
Rock Outcrop-----	40	---	---	---	---	---	---	---
1076: Bowstring-----	50	Severe: seepage	Severe: excess humus ponding	Severe: slow refill cutbanks cave	Limitation: flooding subsides ponding	Limitation: flooding ponding	Limitation: ponding	Limitation: wetness
Fordum-----	50	Severe: seepage	Severe: seepage piping ponding	Severe: cutbanks cave	Limitation: flooding frost action ponding	Limitation: flooding ponding droughty	Limitation: erodes easily too sandy ponding	Limitation: erodes easily wetness droughty
1376: Moquah-----	100	Severe: seepage	Severe: seepage piping	Severe: slow refill cutbanks cave	Limitation: deep to water	Limitation: flooding soil blowing	Limitation: too sandy soil blowing	Favorable
1943: Roscommon-----	100	Severe: seepage	Severe: seepage piping wetness	Severe: cutbanks cave	Limitation: cutbanks cave	Limitation: fast intake wetness droughty	Limitation: too sandy wetness soil blowing	Limitation: rooting depth wetness droughty

See footnote at end of table.

Water Management

Map symbol and soil name	Component percent	Limitations for--			Features affecting--			
		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
1977: Mora-----	100	Moderate: seepage	Severe: piping	Severe: no water	Limitation: frost action percs slowly	Limitation: wetness droughty	Limitation: percs slowly wetness	Limitation: percs slowly rooting depth droughty
1977B: Mora-----	100	Moderate: seepage slope	Severe: piping	Severe: no water	Limitation: frost action percs slowly slope	Limitation: slope wetness droughty	Limitation: percs slowly wetness	Limitation: percs slowly rooting depth droughty
1979: Parent-----	100	Moderate: seepage	Severe: piping wetness	Severe: no water	Limitation: frost action percs slowly	Limitation: percs slowly wetness droughty	Limitation: percs slowly wetness	Limitation: rooting depth wetness droughty
1980: Ronneby-----	100	---	---	---	---	---	---	---
CW: Census Water-----	100	---	---	---	---	---	---	---

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation.
See text for definitions of terms used in this table. Absence of an entry indicates that no rating is applicable.)